New Cooling System

4422. SHRI RUMANDLA RAMACHANDRAIAH : Will the Minister of SCIENCE and TECHNOLOGY be pleased to state:

(a) whether the Technology Information, Forecasting and Assessment Council has developed a new cooling system which consumes only 20 per cent of power, being presently used in running an air- conditioner;

(b) if so, whether it combines the advantages of an air-cooler with that of an AC system in terms of performance;

(c) whether a prototype of the new AC has been developed by an electrical engineering dropout, with TIFAC support;

(d) if so, whether it would be launched during this summer; and

(e) by when, it is likely to be available in the market ?

THE MINISTER OF STATE IN THE DEPARTMENT OF SCIENCE AND TECHNOLOGY IN THE MINISTRY OFSCIENCE AND TECHNOLOGY (SHRI BACHI SINGH RAWAT): (a) TIFAC has supported production of 600 units of an improved air cooling system developed by M/s Thermo Devices Pvt. Ltd., Mohali for launch and test marketing in Punjab. This cooling system (known as Air Ambiator) consumes about 20% of power utilised in running an air conditioner for comparable cooling.

(b) Yes, Sir.

(c) One of the promoters of M/s Thermo Devices Pvt. Ltd. is an electrical engineering drop out and has considerable practical experience in industry. The prototype was developed by and tested before seeking TIFAC support for launch and test marketing.

(d) The company has informed that the product was launched in April, 2001 in Chandigarh.

(e) It is presently available directly from the company outlet at Mohali.